Client General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

> Date Sampled: Date of Report: Date Analyzed: 3/20/2013 3/20/2013

3/20/2013 3/20/2013

Date Received:

Kingston Environmental Laboratory Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 Project Number: 0002-AI-2012.001

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By: Project Address: Project Name:

Signature:

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543



Document No. 4.5.1 – F6

KINGSTON ENVI IMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

DINC DATA FORM

KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (616) 524-5511	Received By:	Date/Time:Received By:Received By:	Submillied by:Date/Time:Date/Time:Date/Time:	Submitted By:Submitted By:	Via:	Chain of Custody	Vo:	Sample results proceeded by a "less than" sign (<) are carculated using Sample results proceeded by a "less than" sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded by a "less than sign (<) are carculated using Sample results proceeded us				1788 18 th Fl. C.L. B.6-10	1787 16 th Fl. C.L. B.6-13			1795	Mulliper (L/Min) 0	r Employee Pump Sample Flow Time lotal volume income and the control of the contr	# Cl Cample Eibers/Field	Address: Contractor	Address: 1500 E. Bannister Rd, Kansas City, WC 64131	Client: U.S. General Services Administration Microscope Field City Months Analyst: Mark Liechti	KING DATA FORM
010) 324-001	016) 504_881	ceived By:	/Time:	nitted By:			d	act:	etermined by NIC				14	10			0	200	Eibers/Field	oc. A	1		0.80
									SH. Actual fiber				06.71	12.50	12 50	000	0.00	(F/mm2)	Density				Method:
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									lower		N/A	N/A	14/2	Z/A	N/A	N/A	N/A		AWT			1	

General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Client:

Date Sampled: Date of Report: 3/19/2013 3/19/2013

3/19/2013

Kingston Environmental Laboratory Kansas City, Missouri 64147 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027

Date Analyzed: Date Received: 3/19/2013

Project Number: 0032-AI-2012.001

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By: Project Address: Project Name:

Analyst:

Signature:

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

Analytical Meth	thod: NIOSH 7	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994								0.0080
			DATA					ANALYTICAL DATA	AL DATA	
			SAMPLING DATA		7.4.	T >+>	Fihore/	Fiber	Concentr.	Below
	2	Sample ocation	Sample Type F	Flow Rate	lotal	ו טומו	1000		E/cc	PF
Lab. No.	Sample			l/min	Minutes	Volume	0	שכווטווץ	, , , ,	
							Fields	F/mm2		Yes/No
>	DID.				A17A	AVIA	0	0 00	Z/A	Z
177	0.0		Blank	N/A	N/N	LAN			NIV	N/A
BB-1063	1781	1781 Field Blank	Blank	NVA	N/A	NA	C	0.00		
DR 1084	1782	1782 Field Blank	Digital		300	1200	12	15.00	0.0048	Yes
000	1792	1793 16th Floor C B.6-13	AMBIENT	1	000	1000	٥	11 25	0.0036	Yes
00-100	17.00	10th Floor C B & 10	AMBIENT	4	000	1200	9			
BB-1056	1/84	1/84 Idill Floor C.E. D.O-10								



Document No. 4.5.1-F6

KINGSTON ENVIOL VMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

DATA FORM

Client General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

Date of Report: Date Analyzed: Date Sampled: 3/18/2013 3/18/2013 3/18/2013 3/18/2013

Date Received:

Project Number: 0002-AI-2012.001

15450 Hangar Road Kingston Environmental Laboratory

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147

Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Analyst

Sampled By: Project Address:

Signatur

5USC 552 (b) (6)

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BB-1062 1780 18th Floor C.L. B.8-19	BB-1061 1779 16th Floor C.L.B.6-10	BB-1060 1/70 Field Dialin	-	10.0	ASS REP.			Sample Location				Analytical Method: NIOSH 7400, Issue 2, Dated August 13, 1997	Individual CV: U-5 illustrative (CV) Constant American 15 1004
	AMBIENT 4	AMBIENT 4	Blank				LI WITHII	Sample Type	- 1	SAMPLING DATA			
	300 1200	-	+	1	N/A N/A		_	o 	Total Total				
	10:10	13 16 25	15 18.75	0 0.00	0 0.00	L	-	100 Density	Fibers/ Fiber	1	ANALYT		
		0.0052	0.0060	NA	NA	t		F/cc	Concein.	Concontr	ANALYTICAL DATA		
		Yes	Yes	Z		AVIA	Yes/No	PEL		Relow			0.0080



Document No.

4.5.1 - F6

KINGSTON ENVIY VMENTAL MANAGEMENT SYSTEM TITLE

Revision: Original Date: August 26, 2009

Document Owner: Dr. Georgi Popov

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				Date/ Illie.			_Date/Time:				Date/Time:		Date/Time:
			50	72407						5.	Oddingo		Submitted By:
			Submitted By:	Submit		Ý:	Submitted By:			Bv	Suhmitted Bv:		
				Date:				Via:					Shipped to:
							Chain of Custody	Chain					Person.
				Made:			22			Phone:	No:		Contact:
		OII. According	Contact:	Contact:	limit of quanti	the reliable	fields. This is sarance	ers per 100 f rsion; C- Cle	count of 7 fib ea; E – Excu	ited using a rsonal; A- A	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable than the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance	proceeded by	Sample result than the detec
lower	r counts are	A chief fibe											
N/A													
NA												100	BB-1062
71/7	0.0001	10.25	1.5	0071	300	11:05	6:05	4	A	1	18th EI C.I. B.6-10	-	
Z/A	0.0052	1605	12	A 1000	000	TT.00	0.00	4	A	6	16 th Fl. C.L. B.6-13	1779	BB_1061
N/A	0.0060	18.75	15	1200	300	11.00	0.00		• 1	'	Field Blank	1778	BB-1060
N/A	0.00	0.00	0	1	1	t	'			,	Field Blank	1777	BB-1059
N/A	0.00	0.00	0	1	1			(1)				BFB-	11A-
	(F/cc)	(F/mm2)		Ĉ	Min.	OFF	ON .	Rate	Туре	Number	Location or Employee	Sample Number	Lab Number
TWA	Conc.	Density	Fibers/Field	Volume	Total	ne	Time	FIOW	Cample			Time:	Turnaround Time:
			es: 4	# or samples:	24		Area:			Client Project No)12.001	t No: _002-	KES Project No: _002-Al-20
					Contractor	0						2-18-	Date Logges.
1				Surveyor: Mark Liechti	Irveyor: N		ation_	V Renova	- Phase I	Building		d: 3-18-2013	Date Sampled:
				Analyst: Mark Liechti	\nalyst: M		ly, MO 641	ansas Cit	ster Rd, K	E. Banni		01	Page
1	7400	Method:7400	a:0080	Microscope Field Area:0080	licroscop	Z		nistration	ices Admi	eral Serv	Client: II & General Services Administration		
					RM	ATA FO	AIR MONITORING DATA FO	MONITO	AIR				

KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811

Form A-3

Client General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

> Date Sampled: Date of Report: Date Analyzed: 3/15/2013

3/15/2013 3/15/2013 3/15/2013

Office: 816/524-8811 Fax: 816/525-5027

Kingston Environmental Laboratory Kansas City, Missouri 64147 15450 Hangar Road

Date Received: Project Number: 0002-AI-2012.001

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Sampled By: Project Address: Project Name:

Signature:

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

Analytical Mel	thod: NIOSH 74	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994								0.0080
			SAMDI ING DATA					ANALYTICAL DATA	AL DATA	
				Elow Rate	Total	Total	Fibers/	Fiber	Concentr.	Below
	Sample D	Sample Location	Sample Type	LIOM Vare			200	Doneity	E/00	PH
				/min	Minutes	Volume	100	Deliaity		-
							Tiplde	F/mm2		Yes/No
1										N 1/A
12A	מרס-		Blank	N/A	N/A	N/A	0	0.00	NA	NA.
BB-1055	1773 F	1773 Field Blank	Daily	NIA	N/A	N/A	0	0.00	Z	NA
RR-1056	1774 F	1774 Field Blank	Didilik	14/1	340	1200	٥	11 25	0.0036	Yes
00 1057	1 566 1	1775 16th Floor C.L.B.6-13	AMBIEN	C	010	1000	3	13 50	0 0040	Yes
	1 326 1	1776 18th Elpor C B 6-10	AMBIENT	5	240	1200	-	17.00	0.00.0	
00-1000		00111001011								



Document No. 4.5.1 - F6

KINGSTON ENV UMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

AIR MONITORING DATA FORM

	Received By:	Date/Time:	Submitted by:		Sh med to	Person	Contact	Sample results than the detect				BB-1058	BB-1057	BB-1056	BB-1055	11A-	Lab	Turnaround Time:	Date Analyzed: _5-15-2013 KES Project No: _002-A1-20	Date Logged: 3-15-2013	Page1ol1 Date Sampled: _3-15-2013		
								proceeded I				1776	1775	1774	1773	BFB-	Sample	Time:	No: 002	3-15-	d: 3-15		
KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (818) 324-881	Received By:	Date/I ime:		Submitted By:			No:	Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable lithin of quantification of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance than the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance Fax No: Contact:				18 th Fl. C.L. B.6-10	16 th Fl. C.L. B.6-13	Field Blank	Field Blank		Location or Employee		012.001			Client: 11 S General Services Administration	
ENTAL S	Ву:			By:			No:	ted using a sonal; A- Ar				-	٠ .	י ת	-		Number	5	Client Project No	Building	E. Bannis	ral Servi	
ERVICES,) are calculated using a count of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance Fax No				,	> 2	٥			Type	Sample			ster Rd, Ka	ces Admir	
NC.1545					Via:	Chain		sion; C- Cle				,	л	55	'	(L/Min)	Rate	Flow			nsas City Renova	istration	ALL MONICONING
.15450 Hangar	Received By:		Date/Time:	Submitted By:		Chain of Custody		arance Fax No:					6:05	6:00	1	,	ON.	Time	Area:		y, MO 641 tion		WILLIAM C
Rd., Kans	y:			×				The reliable					10:05	10:00	ť	-	OFF	IE	١	0			
as City, M								400	2			9.	240	240		1	Min.	Total		Contractor:	\nalyst: N ırveyor: N	licroscop	
0 64 147 (0			Date/Time:	Subm	Date:		Made:	Contact:	tification as de				1200	1200	1	1	Ē	Volume	# of Samples: _4.		Analyst: Mark Liechti Surveyor: Mark Liechti	Microscope Field Area:	
010) 324-0011	CROCK CO. 10011	Docaived By:	Time:	Submitted By:			[P.	rct:	termined by NIO				10	9	0	0		Fibers/Field	es: 4			a:0080	, , , , ,
									SH. Actual fibe				12.50	11.25	0.00	0.00	(F/mm2)	Density (E(mm2)				Method: /400	nm - Al- ol.
									r counts are				0.0040	0.0036	0.00	0.00	(1700)	Conc.				/400	7 200
									lower		N/A	N/A	N/A	N/A	N/A	N/A		AVA					

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Date Sampled: Date of Report: Date Analyzed: Date Received:

3/14/2013 3/14/2013 3/14/2013 3/14/2013

Kingston Environmental Laboratory Kansas City, Missouri 64147 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027

Project Number: 0002-AI-2012.001

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

MarkLiechti / AIHA Registry # 9179 Mark Liechti / AIHA Registry # 9179

Analyst: Sampled By:

Signature:

5USC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543



KINGSTON ENV **UMENTAL MANAGEMENT SYSTEM TITLE**

Date: August 26, 2009

Document Owner: Dr. Georgi Popov Document No. 4.5.1 - F6 Revision: Original

	Received By:	Date/Time:	Submitted By:	0	Shipped to:	Person:	Contact	Sample results pr		BB-1054	BB-1053	BB-1052	BB-1051	-	Lab Sa	Turnaround Time:	KES Project No: _002-AI-2012.001	Date Logged:3-14-2013	Page1of1 Date Sampled: _3-14-2013		
								oceeded to		1772	1771	1770	8971	BFB-	Sample Number	ime:	0:_002	3-14	3-14-2013		
KINGSTON ENVIRONMENTAL SERVICES, INC. 15450 Hangar Rd., Kansas City, MO 64147 (816) 524-8811	Received By:	Date/Time:	Submitted By:					Sample results proceeded by a "less than" sign (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower than the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance Contact:		18 th Fl. C.L. B.6-10	16 th Fl. C.L. B.6-13	Field Blank	Field Blank		Location or Employee				2013 Address: _1500 E. Bannister Rd, Kansas City, MO 64131		
ENTAL S	By:		Б <u>у</u> :				Phone:	ted using a sonal; A- Aı	,		12	6	1	1	Number	Pilmn	Client Project No		E. Banni Building	Sol Conv	
ERVICES,								count of 7 fiberea; E – Excu			Α	Α	'	1	Type	Sample	0		ster Rd, Ka - Phase IV	icas Admii	AIR
INC. 154:					Via:	Chair		f 7 fibers per 100 fields. Excursion; C- Clearance			4	4	'	(C)min)	Rate	Flow			ansas Cit / Renova	nistration	MONITO
0 Hangar	Received By:	_Date/Time:		Submitted By:		Chain of Custody	Fax No.	fields. This is parance			6:05	6:00	1	1	ON	Time	Area:		y, MO 641 ition		AIR MONITORING DATA FORM
Rd., Kans	y :			S				the reliable			11:05	11:00	1	1	OFF	ie					ATA FC
as City, Mo								limit of quant			300	300	1	,	Min.	Total	=	Contractor:	Analyst: Mark Liechti Surveyor: Mark Liechti	Microscope Field Area:	RM
O 64147 (8	Rec	Date/		Subm	Date:		Made:	ification as deter			1200	1200	1	1	Ē	Volume	# OI Gallipies.	of Comp	ark Liecht lark Liech	e Field Are	
316) 524-8811	Received By:	Date/Time:		Submitted By:	99		e:	ect:			12	1	0	0		Fibers/Field	G9¬	2		ea:0080	
								H. Actual fib			15.00	13.75	0.00	0.00	(F/mm²)	Density				_ Method	
								er counts are			0.0048	0.0044	0.00	0.00	(F/GC)	Conc.				Method:7400	
								lower	N/A	N/A	N/A	N/A	A/N	N/A		TWA					

Client General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

> Date Sampled: Date of Report: Date Analyzed: 3/13/2013

Date Received: 3/13/2013 3/13/2013 3/13/2013

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road Kingston Environmental Laboratory

Project Number: 0002-AI-2012.001

Project Address: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

Project Name:

Analyst: Sampled By:

> Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

> > Signature:

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0.0080

BB-1048 1767 16th Floor C.L.B.6-13 AN BB-1049 1768 18th Floor C.L. B.6-10 AN	1765 Field Blank	Lab. No. Sample ID Sample Location Sam	Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994 SAMPL
AMBIENT 4 300	Blank N/A N/A Blank N/A N/A N/A	Sample Type Flow Rate Otal	11
1200 10 12.50 0.0040 res	N/A 0.0060	le 100 E	ANALYTICAL DATA Fihers/ Fiber Concentr. Below



KINGSTON ENVI MENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

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Document No. 4.5.1 - F6

KINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kansas City, MO 64147 (616) 324-3611	Received By: Recei	Date/Time:	Submitted By: Date/Time: Date/Time:	Shipped to:Submitted By:Submitted By:	Via:	Person:	Sample results proceeded by a less than the detection limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance — Contact: — Contact: — Contact: — Made: — Made: — Contact: — Con	"It as then (<) are calculated using a count of 7 fibers per 100 fields. This is the reliable limit of quantification as determined by NIOSH. Actual fiber counts are lower			176B 18 th Fl. C.L. B.6-10 1 A 4 0:00	1767 16 th Fl. C.L. B.6-13 6 A 7 5:05 11:05 300 1200 10 12.50 0.0040	1766 Field Blank - 1 6:00 11:00 300 1200 15 18.75 0.0060	65 Field Blank 0 0.00 0.00	Number Number (LMin) 0 0.00 0.00	r Employee Pump Sample Flow Time Total Volume Fibers/Fleid (F/mm2) (F/cc)	Client Project NoArea:Conc.	Address:	age 1 of 1 Client: U.S. General Services Company of 1 Client: U.S. General Services City, MO 64131 Analyst: Mark Liechti Surveyor: Mark Liechti Surveyor: Mark Liechti Contractor:	RING DATA F	
			.				11	Wer		ZA	X	Z	NA	Z	N A		AWI		1		

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

Project Name: Project Address:

Analyst Sampled By:

> Date of Report: Date Sampled: Date Analyzed: 3/12/2013

3/12/2013 3/12/2013 3/12/2013

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road Kingston Environmental Laboratory

Date Received: Project Number: 0002-AI-2012.001

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 Signatur

Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

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BB-1046 1764 18th Floor C.L. B.9-19	BB-1045 1763 16th Floor C.L.D.C. 13	BB-1044 1/62 Field Did In	BB-1043 1/6 Fleid Digitik	2			Lab. No.	Sample Location				Analytical Method: NIOSH 7400, Issue 2, Dated August 13, 1997	Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range
	AMBIENT 4	AMBIENT 4	Blank	Blank			///	Sample Type	Elow Date	SAMPLING DATA			
	300 1 1200	+	+	+	N/A N/A			n — <	Total Total				
		-	9 11.25 0.	0 0.00	-		<i>n</i>	Density	Fibers/ Fiber Co.	1	ANALYTICAL DATA		
		0.0052 Yes	0.0036 Yes	NA	+	AIVA	Yes/No	F/cc PEL	-	Concentr Below	DAIA		0.0080



Document No. 4.5.1 - F6

KINGSTON ENVIOUMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

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Age Sampled: 3-12-2013	Total
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Client: General Services Administration 1500 E. Bannister Road

Kansas City, MO 64131

Date Sampled: Date of Report:

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3/11/2013 3/11/2013 3/11/2013 3/11/2013

> Kingston Environmental Laboratory 15450 Hangar Road

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147

Project Number: 0002-AI-2012.001

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

Analyst: Sampled By: Project Address: Project Name:

Signature:

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1	BB-1041 1/59 Iout Floor C.E.D.C.		BB 1040 1758 Field Blank	173/116/4 5/4/11	-	100				Sample D Sample Location					Analytical Medical Michael Co.	NOSH 7400 Issue 2, Dated August 15, 1994	INOVIOUGI CA CO III CO
, Mar Di Tri	AMBIENT 4	AMBIEN	AMPICIT	Blank	DIGITIN	N/A			nm/n		Sample Type Flow Rate		SAMPLING DATA				
	300 1200	1	300 1200	100	N/A	NA NA			MILIORES	Minutes Volume	I Oldi	Total Total					
	0	0	70		0	c		Fields	_	100	-	Fibers/					
	11.110	11 25	12.30	1000	0.00	0.00	000	F/111112	7/200	Density		Fiber		ANALYTICAL DATA			
		0.0036	0.00	0 0000	NA					1/00	п/22 —	Concern.	2	AL DAIA	-		
		Yes		Yes	N		ZA		Yes/No	- [D	מוסא	Bolow			0.000	0.0080



Document No. 4.5.1 - F6

KINGSTON ENVIR NMENTAL MANAGEMENT SYSTEM TITLE

Revision: Original Date: August 26, 2009

Document Owner: Dr. Georgi Popov

	Received By:	000	Dato Time:	Submitted By:	Shipped to:		Person:	Contact	Sample results pro				BB-1042	BB-1041	BB-1040	BB-1039	- 6	Turnaround Time: Lab Sample	KES Project No	Date Analyzed: 3-11-2013	Page		
KINGST									Sample results proceeded by a "less than "sign (<) are carreined from limit of 7 fibers per 100 fields. Note: P- Personal; A- Area; E – Excursion; C- Clearance				1760 18 th Fl. C.L. B.6-10	1759 16 th Fl. C.L. B.6-13	1758 Field Blank	1757 Field Blank	Number BFB-	Sample Location	KES Project No: _002-Al-2012.001	3-11-2013 Ad			
KINGSTON ENVIRONMENTAL SERVICES, INC. 19430 Hallyan Inc.; Control of the services of the servi		Received By:	Date/Time:	Odbillitied by:	Submitted By:			1 1	ields. Note: P- Personal; A- Area; E	cian (/) are calculated U								r Employee	Client Floject No	Address:	Address: _1500 E. Bannister Rd, Kansas City, wo of 15 Facility: _Bolling Building – Phase IV Renovation	Client: U.S. General Services Administration	
TAL SERVICES,									l; A- Area; E - Excurs	sing a count of 7 fiber)	+	Δ -	'	+	Pump Sample Number Type	20.140	20	annister Rd, Kai ding – Phase IV	Services Admini	AIR
Form A-3	10 45 450 L	Rec	Date		Subr	Via:	Chain of Custody	Fax NO.	ion; C- Clearanc	s per 100 fields.			+	-	+	1	(L/Min)	Flow Rate 0		Area:	Renovation_	stration	ONITORIN
ီ သ	anger Rd K	Received By:	Date/Time:		Submitted By:		ustody	\ \frac{1}{2}	Š. Č	This is the relia			+	6:05 11:05	6:00 11:00	'	1	Time OFF		 			AIR MONITORING DATA FORM
	ansas City. N									ble limit of quan				300	300	-	1	Min.		-	Surveyor: Mark Liechti Contractor:	Microscope Field Area	ORM
	0 64147 (81	Rece		Date/Time:	Submitted By:	Date:		Made:	Contact:	tification as dete				1200	1200	1	1	(L)	-	# of Samples:	lark Liechti	Microscope Field Area:	
	16) 524-8811	Received By:		ime:	ted By:					limit of quantification as determined by NIOSH. Actual fiber counts are lower				9	10	0	0	1501071010	Eibers/Field	6: 4		:0080	
										SH. Actual fibe				11.25	12.50	0.00	0.00	(F/mm2)	Density			Method/ +00	No.
*										r counts are				0.0036	0.0040	0.00	0.00	(F/cc)	Conc.			100	7400
										lower		ZA	Z	NA	N N	Z	N A		AWT			1 1	

Client: General Services Administration Kansas City, MO 64131 1500 E. Bannister Road

> Date Sampled: Date of Report: 3/8/2013 3/8/2013

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 Kingston Environmental Laboratory 15450 Hangar Road

Date Analyzed: Date Received: 3/8/2013 3/8/2013

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

Signature:

Sampled By: Project Address: Project Name:

Analyst:

Project Number: 00:32-AI-2012.001

5USC 552 (b) (6)

0.0080

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15

Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994 1754 Field Blank 753 Field Blank Sample Location SAMPLING DATA Sample Type AMBIENT Blank Blank Flow Rate **Vmin** X NA S Minutes Total 248 A Volume Total N N 1200 1200 Fibers/ Fields 100 Density ANALYTICAL DATA F/mm2 Fiber 0.00 0.00 Concentr. 0.0044 F/cc N/A NA Yes/No N/A Below PEL NA Yes Yes

124

BFB-

Lab. No.

Sample ID

BB-1037 BB-1036 BB-1035

1755 16th Floor C.L.B.6-13 1756 18th Floor C.L. B.6-10

AMBIENT

16.25

0.0052

BB-1038



Document No. 4.5.1-F6

KINGSTON ENV **UMENTAL MANAGEMENT SYSTEM TITLE**

Date: August 26, 2009

Revision: Original

Document Owner: Dr. Georgi Popov

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3	
R MONITORING DATA FORM	

Received byKINGSTON ENVIRONMENTAL SERVICES, INC.15450 Hangar Rd., Kan	Received By:	Date/Time:	Submittee by:	Submitted By:	Shipped to:				Sample results proceeded by a 100 fields. Note: P-Persults than the detection limit of 7 fibers per 100 fields.	This is the reliable limit of quantification as determined by NIOSH. Actual liber could also were		-	7756 18 th FI. C.L. B.6-10	BB-1037 1755 16 th Fl. C.L. B.6-13	BB-1036 1754 Field Blank		RB-1035 1753 Field Blank	¥	Turnaround lime: Jab	2012.001		3-8-2013 F	of 1	on the Compress Services Administration	
ENTAL S	By:			Ву:				No.	sonal; A- A	ed using a			-	٠ د	ر ا	,	1		Pump	Client Project No.		uilding –	Bannist	rol Servi	
SERVICES									rea; E – Excu	count of 7 fib			;	D	Α	1	-		Sample			Phase IV	er Rd, Kar	ces Admir	AIR
INC.154						Via:	Chai		rsion; C- Ci	ers per 100				5	5	1	-	(L/Min)	Flow Rate			Renovat	sas City	istration	MONIC
.15450 Hangar Form A-3	Received By:	1	Date/Time:	Submitted by.			Chain of Custody		Fax No:	fields. This is				6:35	6:30	1	,		ON	2.0	Area.	on	, MO 6413		AIR MONITORING DATA FORM
Rd., Kans				9.						the reliable				10:35	10:30				OFF						BIATO
sas City, N										limit of quar				240	240			1	Min.			Contractor:	alyst: Ma	icroscop	ZIVI
//O 64147 (8	Rec		Date/		Subm	Date:		Island	Contact:	itification as de				1200	1200			1	(1)	Volume	# of Samples: _4.		Analyst: Mark Liechti	Microscope Field Area:vvov.	
sas City, MO 64147 (816) 524-8811	Received by:		Date/Time:		Submitted By:	Ġ.		g	act:	etermined by NIO				13	11	-1	0	0		Fibers/Field	es: _4			a:uvov	2000
										SH. Actual ribe				16.23	13.73	13.75	0.00	0.00	(F/mm2)	Density				1	Method:
										Counts an	200			2000.0	0.0050	0.0044	0.00	0.00	(F/cc)	Conc.					7400
										240	a lower	N/A	N/A	1//1	71/>	N/A	N/A	N/A		AWT			l		

Client: Kansas City, MO 64131 General Services Administration 1500 E. Bannister Road

> Date Sampled: Date of Report: Date Analyzed: 3/7/2013 3/7/2013 3/7/2013

Date Received:

3/7/2013

Project Number: 0002-AI-2012.001

Kingston Environmental Laboratory

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road

Project Address: Project Name: Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106

Mark Liechti / AIHA Registry # 9179 MarkLiechti / AIHA Registry # 9179

Analyst: Sampled By:

Signature:

SC 552 (b) (6)

Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15 Laboratory Coefficient of Variation: 0.45 AIHA Organization #: 102543

3E-1034 1 752 18th Floor C.L. D.O-10		+		-	RR-1031 1749 Field Blank	IZA BID					- 1			SAMBI ING DATA		Analytical Method: NIOSH 7400, Issue 2, Dated August 15, 1994	
	ZIENT -	SILIAI	TIENT	ank		ank							11	NG DATA			
	4	-	Δ	7	NIA					/min		Flow Rate					
	300		300	1 118.1	N/A	ZZ				Vinutes		otal					
	1200	1300	1200		NA	2	AIIA			VOIDITIE	Value of	וסומו	Tabel				
	5	36	<u>ر</u>	3	0	0	0	וכומס	Fields	0	100	וטכוטי	Eibore/				
	10.00	20 00	10.20	10 25	0.00	0.00	000	. , , , , , , , , ,	F/mm2	Controlly	Density	100	Eiher	21426	ANAL YTI		
		0.0064	0.0001	0 0050	NA	100	Z >>				F/00		Concentr		ANALYTICAL DATA		
		Yes		Yes	3		2		Yes/No		דוור		Beow			0.0080	



KINGSTON ENVI IMENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

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Document No. 4.5.1 - F6

DATA FORM

						1,44,	Form A-3	S, INC. 194	SERVICES	MENTAL S	KINGSTON ENVIRONMENTAL SERVICES, INC. 18430 Haligai No., No. 1865 Co., N	
			16) 524-8811	O 64147 (8	as City M	Dd Kane						Received By:
			Received by.	Reck		3y:	Received By:			d Bv:	Received By:	
										ā	Date/Iline.	Date/Time:
			Time:	Date/Time:			Date/Time:			2		
						эў.	_Submitted by.			d By:	Submitted By:	Submitted By:
			Submitted By:	Submi		Av.	2					Shipped to:
				Date:				Via:				
							Chain of Custody	Chai				Person:
				Island.						No:		Contact:
			· 요	Conta			Fax No:	ırsion; C- Cle	rea; E – Excl	ersonal; A- A	ection limit of 7 fibers per 100 fields. Note: P-Pe	Sample resu
lower	r counts are	SH. Actual fibe	termined by NIOS	ification as del	limit of quant	the reliable l	fields. This is	ers per 100	count of 7 fib	ated using a		
		-										
N/A												
N/A								1	7	F	1752 18 th Fl. C.L. B.6-10	FR-1034
N/A	0.0064	20.00	16	1200	300	11:05	6:05	4	> 7	4 0	1751 16 th Fl. C.L. B.6-13	BB-1033
NA	0.0052	16.25	13	1200	300	11:00	6:00	4	> '	,	1750 Field Blank	BB-1032
N/A	0.00	0.00	0	'	1	ı	1	'	1	'	1749 Field Blank	BB-1031
N/A	0.00	0.00	0	1	'	1	1	(L/Min)			Number BFB-	Number 11A-
	(F/cc)	(F/mm2)		(L)	Min.	ne OFF	ON	Flow Rate	Sample Type	Pump	Sample Location or Employee	Turnaround lime
AWT	Conc.	Density	Fibers/Field	Volume			2			Client Project No.	002-AI-2012.001	KES Project
			S: 4	# of Samples: _4			↑				3-7-2013	Date Logged:
1 '				Surveyor: Mark Liechti	Surveyor: Ma		ion	Renovati	er Rd, Ka Phase IV	E. Bannist Building –	3-7-2013	Date Sampled:
1				k Liechti	Analyst: Mark Liechti		WO GAAA	nistration	ces Admi	eral Servi	Client: U.S. General Services Administration	
	7400	Method: 7400	.0080	Vicescope Field Area: .0080	Tieroscone	AIAFO	AIR MONITORING DATA FO	MONITO	AIR			

General Services Administration 1500 E. Bannister Road Kansas City, MO 64131

Client

Date Sampled: Date Analyzed: Date of Report: 3/6/2013 3/6/2013 3/6/2013

Date Received:

Office: 816/524-8811 Fax: 816/525-5027 Kansas City, Missouri 64147 15450 Hangar Road Kingston Environmental Laboratory

Project Number: 0002-AI-2012.001

3/6/2013

Bolling Building - Phase IV Renovation 601 E. 12th St., Kansas City, MO 64106 Mark Liechti / AIHA Registry # 9179

Project Address: Project Name:

Analyst: Sampled By:

MarkLiechti / AIHA Registry # 9179

Signatur

5USC 552 (b) (6)

Laboratory Coefficient of Variation: 0.45 Individual CV: 0-5 fiber range (CV)= 0.75, 5.1-20 fiber range (CV) 0.36, 20.1-50 fiber range (CV)= 0.25, 50.1-100 fiber range (CV)=0.21, 100.1 & up (CV)=0.15

0.002	,
080	

BB-1029 1747 16th Floor C.L. B.6-10 AMBIEN1	1746 Field Blank	1745 Field Blank	REP-		Tah No Sample ID Sample Location	Sample Type	SAMPLING DATA	Analytical Method: NIOSH 7400, Issue 2, Dated August 19, 1991
	4 300	N/A	N/A N/A		I/min Minutes Vo	_	1	
	H	9 11.25	0.00	000	E/mm2	100 Density	Fibers/ Fiber	ANALYTICAL DATA
	0.0048 Yes	0.0036 Yes	+	N/A N/A	Yes/No	F/cc PEL	Concentr. Below	1



Document No.

4.5.1 - F6

KINGSTON ENVI MENTAL MANAGEMENT SYSTEM TITLE

Date: August 26, 2009

Revision: Original

ment Owner: Dr. Georgi Popov

	Received By:	Date	Date Time.	Submitted by.	D. Tarata By	Shipped to:		Person:	Contact:	Sample results			88-1030	0000	BB-1029	BB-1028		RR-1027	*	Turnaround Time:	KES Project No: _002-AI-2012.001	Date Analyzed: 3-6-2013.	Tate Logged: 3-6-2013	age 1			
										proceeded by a on limit of 7 fibe			-	1748 18 ^t	1747 16	1746 Fie	+	5	Number BEB-	Time:	No: _002-AI-	d: 3-6-2013	3-6-2013	of 1			Docu
KINGSTON ENVIRON	Received by		Date/Time:		Submitted By:					"less than sign (<) are careers per 100 fields. Note: P-Po	" it is to be calculated using a count of 7 fibers per 100 fields. This is the reliable I			18 th Fl. C.L. B.6-10	16 th FI. C.L. B.6-13	Field Blank	id Disab	Field Rlank		Location or Employee		Address:		Address: 1500 E. Bannister Rd, Kansas City, MO 64131	AIR MONITOR Administration		Document Owner. 5:-
MENIALO	203.	D V	Б.		d By:				Phone:	ersonal; A- Are	ated using a c			F		6	1	-	No.	Pump	Client Flojectivo	Droinct No	Building –	:. Banniste	eral Service		
	EBVICES									ea; E - Excur	ount of 7 fibe			:	Δ	Α	1	1	3	Sample Type			Phase IV r	r Rd, Kan	AIR N	j	
Form A-3	INC 1545						Via:	Chain		sion; C- Clea	rs per 100 fie				4	4	,	'	(L/Min)	Flow		A	Kellovatio	sas City, I	AIR MONITORING DATA : Chicago Administration Micro		
Submitted By:	Submitted By:		Chain of Custody		ax No:	ds. This is t				6:05	6:00				ON	4	Area:		MO 64131.	KING DA							
	<i>r</i> :									he reliable li				11:05	11:00				OFF.		١	Conf	Surv	Ni C	TA FOR		
	as City, M										mit of quanti				300	300	3			Min.	Total	#	Contractor:	Analyst: Mark Liechti Surveyor: Mark Liechti	croscope	3	
	O 64147 (8	Kec		Date/		Subm	Date		Made.	Contact	fication as de				1200	1200	1200	1	1	Ē	Volume	# or Samples*.		k Liechti_	Field Area		
	316) 524-8811	Received by:	D.V.	Date/Time:		Submitted By:				2 Ict:	limit of quantification as determined by NIOSH. Actual fiber counts are lower				11	13	9	0	0		Fibers/Field	,			Microscope Field Area:0080		
				2							SH. Actual fib				10.00	15 00	11.25	0.00	0.00	(F/mm²)	Density				Method:		
											er counts are					0.0048	0.0036	0.00	0.00	(F/CC)	Conc.				7400		
											lower		N/A	IN	71/2	N/A	N/A	N/A	N'A		AWT			1	1		